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1 Open source initiatives for simulation software: next generation simulation enviro
source software and XML-based standard interfaces
Thomas Wiedemann
December 2002 **WSC '02:** Proceedings of the 34th conference on Winter simulation: exp
Publisher: Winter Simulation Conference
Full text available: 🗎 Pdf (181.61 KB)   Additional Information: full citation, abstract, references,

Bibliometrics: Downloads (6 Weeks): 2,   Downloads (12 Months): 25,   Downloads (Overall): 10

During the Winter Simulation Conference 2001 the OpenSML-project was presented a
project is based on the Simulation Modeling Language (SML< sup> TM</sup>) and is
multi-language simulation development ...

2 Developing principles of GUI programming using views
Judith Bishop, Nigel Horspool
March 2004   **SI GCSE '04:** Proceedings of the 35th SIGCSE technical symposium on Com
Publisher: ACM ◇ Request Permissions
Full text available: 🗎 Pdf (262.89 KB)   Additional Information: full citation, abstract, references,

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This paper proposes that GUI development is as important as other aspects of progra
understanding of control structures and object orientation. Far less attention has bee
structures for GUIs and certainly ...

Keywords: XML, event-based programming, graphical user interfaces, platform inde

Also published in:
March 2004 **SIGCSE Bulletin** Volume 36 Issue 1

3 Why bison is becoming extinct
John Aycock
July 2001   **Crossroads** . Volume 7 Issue 5
Publisher: ACM ◇ Request Permissions
Full text available: 🗎 Publisher Site , 🗎 Pdf (156.23 KB) Additional Information: full citation, refer

Bibliometrics: Downloads (6 Weeks): 15,   Downloads (12 Months): 48,   Downloads (Overall): 9

At some point in your career, you're going to implement a computer language. You p
implementing Java or C++. You may not even recognize it as a language. Truth be to
domain-specific languages, or "little languages" ...

4 Experience with integrating Java with new technologies: C#, XML and web servic
Judith Bishop, R. Nigel Horspool, Basil Worrall
November 2002 **JGI '02:** Proceedings of the 2002 joint ACM-ISCOPE conference on Java

Publisher: ACM

Full text available: Pdf (137.66 KB)   Additional Information: full citation, abstract, references,

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 26, Downloads (Overall): 29

Java programmers cannot but be aware of Microsoft's new initiative - a complete lang and a host of supporting technologies under the title of C# .NET. We highlight the ad our experiences connecting ...

Keywords: C#, GUIs, Java, platform integration

5 A template-based approach to XML parsing in C++
John Dubchak
June 2003 **Linux Journal**, Volume 2003 Issue 110
Publisher: Specialized Systems Consultants, Inc.
Full text available: Html (13.51 KB)   Additional Information: full citation, abstract, index terms

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 17, Downloads (Overall): 28

Add XML support to your project with the Apache Software Foundation's Xerces parse

6 Application of XML tools for enterprise-wide RBAC implementation tasks
Ramaswamy Chandramouli
July 2000 **RBAC '00:** Proceedings of the fifth ACM workshop on Role-based access co
Publisher: ACM Request Permissions
Full text available: Pdf (66.85 KB)   Additional Information: full citation, abstract, references,

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 42, Downloads (Overall): 59

The use of Extensible Markup Language (XML) and its associated APIs, for informatio interchange applications is being actively explored by the reseach community. In this Document Type Definition (DTD) ...

7 Code generation techniques for developing light-weight XML Web services for en
Robert van Engelen
March 2004 **SAC '04:** Proceedings of the 2004 ACM symposium on Applied computing
Publisher: ACM Request Permissions
Full text available: Pdf (404.19 KB)   Additional Information: full citation, abstract, references,

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 93, Downloads (Overall):

This paper presents specialized code generation techniques and runtime optimization XML Web services for embedded devices. The optimizations are implemented in the g development environment for C and C++. ...

Keywords: Web Services, XML, embedded systems, networking

8 Implementation of automatic differentiation tools
Christian H. Bischof, Paul D. Hovland, Boyana Norris
January 2002 **PEPM '02:** Proceedings of the 2002 ACM SIGPLAN workshop on Partial eva program manipulation
Publisher: ACM Request Permissions
Full text available: Pdf (113.88 KB)   Additional Information: full citation, abstract, references,

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 75, Downloads (Overall): 49

Automatic differentiation is a semantic transformation that applies the rules of differe

It thus transforms a computer program that computes a mathematical function into a function and its derivatives. ...

Keywords: Automatic Differentiation, Component Software, Semantic Transformatio representation, source transformation

Also published in:
March 2002 **SIGPLAN Notices** Volume 37 Issue 3

9 Flavor: a formal language for audio-visual object representation
Alexandros Eleftheriadis, Danny Hong
October 2004 **MULTIMEDIA '04:** Proceedings of the 12th annual ACM international conf
Publisher: ACM ◇ Request Permissions
Full text available: Pdf (91.97 KB)   Additional Information: full citation, abstract, references, ·

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 24, Downloads (Overall): 19

We present Flavor, a formal language for audio-visual object representation, that has any coded multimedia data in formats such as GIF, JPEG and MPEG. The language co generating C++/Java code from the ...

Keywords: XFlavor, flavor, media representation

10 Supporting document and data views of source code
Michael L. Collard, Jonathan I. Maletic, Andrian Marcus
November 2002 **DocEng '02:** Proceedings of the 2002 ACM symposium on Document en
Publisher: ACM ◇ Request Permissions
Full text available: Pdf (162.30 KB)   Additional Information: full citation, abstract, references, ·

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 46, Downloads (Overall): 73

The paper describes the use of an XML format to store and represent program source application, srcML (SouRCe Markup Language), is presented. srcML presumes a docu where information about the syntactic structure ...

Keywords: XML, abstract syntax tree, markup language, program analysis, source c

11 Differences between versions of UML diagrams
Dirk Ohst, Michael Welle, Udo Kelter
September 2003 **ESEC/FSE-11:** Proceedings of the 9th European software engineering c
11th ACM SIGSOFT international symposium on Foundations of software
Publisher: ACM ◇ Request Permissions
Full text available: Pdf (202.32 KB)   Additional Information: full citation, abstract, references, ·

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 158, Downloads (Overall):

This paper addresses the problem of how to detect and visualise differences between such as class or object diagrams. Our basic approach for showing the differences betv a unified document which contains ...

Keywords: UML diagrams, configuration, design transaction, differences, fine-graine engineering environments, versions

Also published in:
September 2003 **SIGSOFT Software Engineering Notes** Volume 28 Issue 5

12 Compiler support for efficient processing of XML datasets

Xiaogang Li, Renato Ferreira, Gagan Agrawal

June 2003   **ICS '03:** Proceedings of the 17th annual international conference on Super

Publisher: ACM ◈ Request Permissions

Full text available: 📄 Pdf (189.03 KB)   Additional Information: full citation, abstract, references,

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 18, Downloads (Overall): 1

Declarative, high-level, and/or application-class specific languages are often successf
development. In this paper, we report our experiences in compiling a recently develo
XQuery for applications that process ...

Keywords: XML, XQuery, data intensive computing, restructing compilers

13 On effective multi-dimensional indexing for strings

H. V. Jagadish, Nick Koudas, Divesh Srivastava

June 2000   **SIGMOD '00:** Proceedings of the 2000 ACM SIGMOD international conferer

Publisher: ACM ◈ Request Permissions

Full text available: 📄 Pdf (1.15 MB)   Additional Information: full citation, abstract, references,

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 62, Downloads (Overall): 6

As databases have expanded in scope from storing purely business data to include XI
catalogs, e-mail messages, and directory data, it has become increasingly important
wild-card string matching: prefix ...

Also published in:
   June 2000 **SIGMOD Record** Volume 29 Issue 2

14 XQuery at your web service

Nicola Onose, Jerome Simeon

May 2004   **WWW '04:** Proceedings of the 13th international conference on World Wid

Publisher: ACM

Full text available: 📄 Pdf (115.20 KB)   Additional Information: full citation, abstract, references,

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 72, Downloads (Overall):

XML messaging is at the heart of Web services, providing the flexibility required for t
composition, and maintenance. Yet, current approaches to Web services developmen
behind Java or C# APIs, preventing the ...

Keywords: XML, XQuery, interface, modules, web services, wsdl

15 An integrated term-based corpus query system

Irena Spasic, Goran Nenadic, Kostas Manios, Sophia Ananiadou

April 2003   **EACL '03:** Proceedings of the tenth conference on European chapter
               Computational Linguistics - Volume 1 , Volume 1

Publisher: Association for Computational Linguistics

Full text available: 📄 Publisher Site , 📄 Pdf (8.52 MB) Additional Information: full citation, abstract, refere

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 12, Downloads (Overall): 7

In this paper we describe the X-TRACT workbench, which enables efficient term-base
specific literature corpus. Its main aim is to aid domain specialists in locating and ext
scientific literature corpora. ...

16
Proceedings of the 2003 ACM SIGMOD international conference on Managemen

Yannis Papakonstantinou, Alon Halevy, Zachary Ives
June 2003   **SIGMOD '03:** Proceedings of the 2003 ACM SIGMOD international conferen
Publisher: ACM
Additional Information: full citation, abstract, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall):

The 2003 ACM SIGMOD International Conference on Management of Data, was held Diego, California. This year, SIGMOD was part of the Federated Computing Research which included a total of 16 conferences and ...

17 A course-assistant based on a curriculum structure and XML resources
Sylvain Boivin, Gilles Imbeau
March 2001   **SIGCUE Outlook** , Volume 27 Issue 2
Publisher: ACM
Full text available: Pdf (1.13 MB)   Additional Information: full citation, abstract, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 7, Downloads (Overall): 63,

We propose a curriculum that provides a XML representation for a specific domain of teacher to closely follow the learning process of each student. Our curriculum is cons elements: topics, units and ...

Keywords: XML, curriculum, pedagogical environment, real experiment

18 DBGlobe: a service-oriented P2P system for global computing
Evaggelia Pitoura, Serge Abiteboul, Dieter Pfoser, George Samaras, Michalis Vazirgiannis
September 2003 **SIGMOD Record** , Volume 32 Issue 3
Publisher: ACM
Full text available: Pdf (282.99 KB)   Additional Information: full citation, abstract, references,

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 36, Downloads (Overall): 7

The challenge of peer-to-peer computing goes beyond simple file sharing. In the DBG multitude of peers carrying data and services as a superdatabase. Our goal is to deve system for modeling, indexing and ...

Keywords: global computing, metadata, peer-to-peer computing, peer-to-peer data services, ubiquitous computing

19 A transducer-based XML query processor
Bertram Ludäscher, Pratik Mukhopadhyay, Yannis Papakonstantinou
August 2002 **VLDB '02:** Proceedings of the 28th international conference on Very Large
Publisher: VLDB Endowment
Full text available: Pdf (447.22 KB)   Additional Information: full citation, abstract, references,

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 25, Downloads (Overall): 7

The XML Stream Machine (XSM) system is a novel XQuery processing paradigm that processing of sequentially accessed XML data (streams). The system compiles a give is an XML stream transducer, i.e., ...

20 Pathways database system: an integrated set of tools for biological pathways
L. Krishnamurthy, J. Nadeau, G. Ozsoyoglu, M. Ozsoyoglu, G. Schaeffer, M. Tasan, W. X
March 2003   **SAC '03:** Proceedings of the 2003 ACM symposium on Applied computing
Publisher: ACM Request Permissions
Full text available: Pdf (930.45 KB)   Additional Information: full citation, references

During the next phase of the Human Genome Project, research will focus on function functions to genes, their regulatory elements, and other DNA sequences. To facilitate information in such studies, a new modeling ...

Keywords: biological pathways, database, querying, visualization, web services

Re